#### **Session Program**

#### 26 August 2024 to 4 September 2024

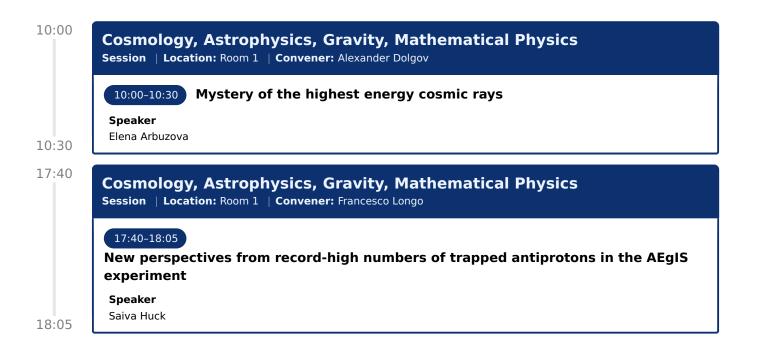
XIII International Conference on New Frontiers in Physics 26 Aug - 4 Sep 2024, OAC, Kolymbari, Crete, Greece

### XIII International Conference on New Frontiers in Physics 2024

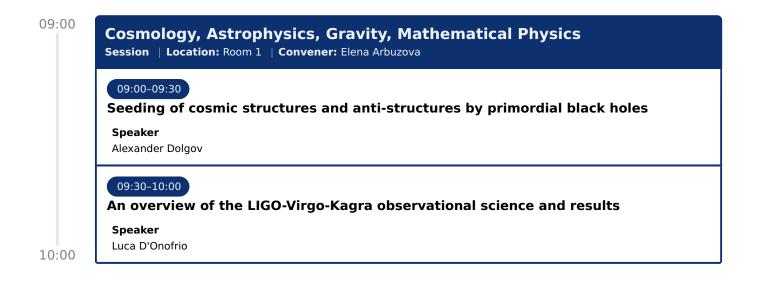
## Cosmology, Astrophysics, Gravity, Mathematical Physics

Orthodox Academy of Crete, Kolymbari, Crete, Greece

#### Monday 26 August



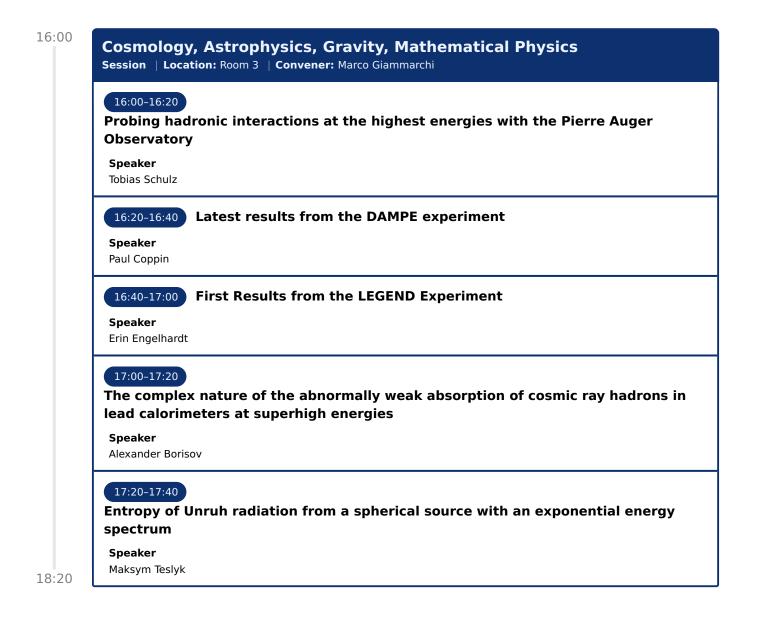
### Tuesday 27 August



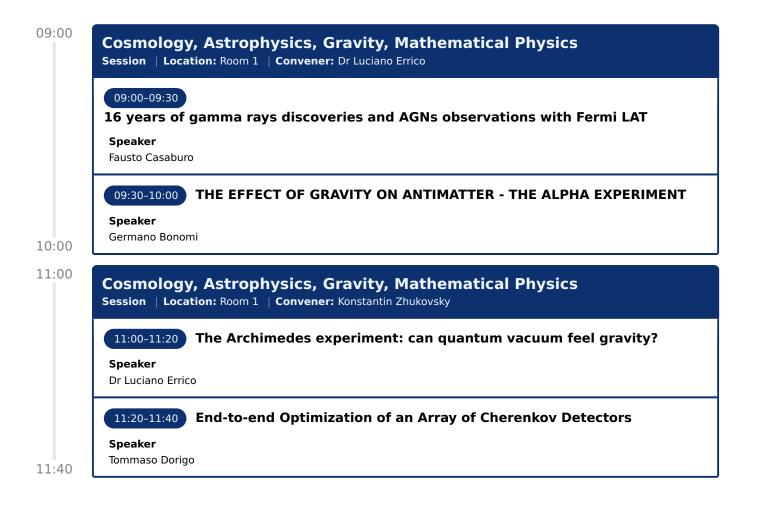
### Wednesday 28 August

09:30-10:00	Highlights from the Pierre Auger Observatory
Speaker	
Vitor de Souza	
10:00-10:30	DAMA/LIBRA-phase2 results and its empowered stage
Speaker	
Pierluigi Belli	
Cosmolog	y, Astrophysics, Gravity, Mathematical Physics
	ation: Room 2   Convener: Vitor de Souza
11:00-11:20	
The impact	on GW waveform SNR of the site dependent noise recorded at the
	escope candidate sites.
<b>Speaker</b> Matteo Di Giov	anni
11:20-11:40	Exploring the primordial Universe with QUBIC
<b>Speaker</b> Jean-Christoph	e HAMILTON
11:40-12:00	Cosmological constraints from DESI DR1
<b>Speaker</b> Dr Uendert And	Jrade
12:00-12:20 Searches fo	or ultra-high-energy photons with the Pierre Auger Observatory:
	tus and future perspectives
Speaker	
Mr Tim Fehler	
12:20-12:40	ı
	ission muography technique for locating potential Radon gas condu perino mine (Tuscany-Italy)
Speaker	Jerino mine (Tuscany-Italy)
Diletta Borselli	
12:40-13:00	searches at the highest energy cosmic rays with the Pierre Auger
Anisotrony	SEMICINGS AT LIE HIMINGST CHELAY COSHIELIONS WITH THE FIELLE ATHEN

### Thursday 29 August



### Monday 2 September



# Tuesday 3 September

12:20-12:40 A	ugerPrime: Expectations and first results
Speaker	
David Schmidt	
12:40-13:00	uth Experiment at the Stawell Underground Physics Laborator
Speaker	
Peter Charles McNa	amara
	Astrophysics, Gravity, Mathematical Physics n: Room 2   Convener: Jon Paul Lundquist
16:00-16:20 The CTA+ Itali Observatory S	an Program to complement the Cherenkov Telescope Array South Site
<b>Speakers</b> Carla Aramo, Dr Ca	
16:20-16:40 T Speaker Sonja Mayotte	he Pierre Auger Observatory as a Test Environment
	n the extragalactic magnetic field and the nature of multi-TeV rom the brightest of all time GRB 221009A
	Astrophysics, Gravity, Mathematical Physics n: Room 2   Convener: Jon Paul Lundquist
17:00-17:20 Tests and mod	lifications of hadronic interactions in cosmic-ray showers
<b>Speaker</b> Dr Jakub Vicha	

### Wednesday 4 September

